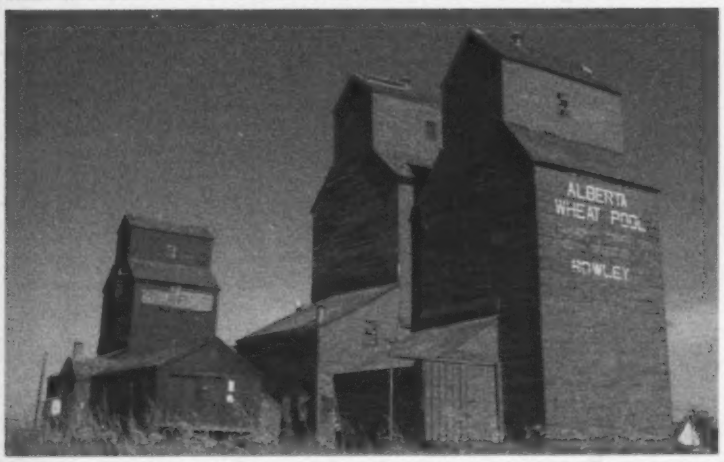

INDUSTRY PROFILES

Agricultural Industry

June 2012

Alberta

Overview:

The Agricultural industry[1] in Alberta includes a variety of establishments or services:

- farms, orchards, greenhouses, nurseries and other places that grow crops, plants or trees;
- ranches, farms, feedlots and other places that raise animals, produce animal products or fatten animals;
- fishing and trapping activities; and
- agricultural support services such as planting, harvesting or management.

Section A: Business Environment
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2. Industry's Growth
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[1] North American Industry Classification System (NAICS) groups 111, 112, 114, 1151 and 1152

Section A: Business Environment

1. 2011 Employment and Unemployment Numbers and Rates:

	Alberta	Agricultural Industry
Number of employed	2,094,100	51,800
Percent employed in the industry		2.5%
Number of unemployed	121,000	N/A
Unemployment rate	5.5%	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2012
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics[2] or Statistics Canada[3] websites.

2. Industry's Growth:

- This industry accounted for 2.5% of total employment in Alberta in 2011.
- Employment in the Agricultural industry is expected to grow at an average rate of 0.8% from 2011 to 2015.
- The industry is expected to account for 2.2% of total employment in Alberta in 2015.

For more information, see the *Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2011 – 2015, Industry Employment Outlook*[4] online and the Alberta Learning Information Service (ALIS)[5] website for descriptions of industries.

[2] See http://www.employment.alberta.ca/BI/67.html
[3] See http://www.statcan.gc.ca
[4] See http://www.employment.alberta.ca/documents/cops-outlook-2011-2015.pdf
[5] See http://www.alis.alberta.ca

3. Facts, Trends and Outlook:

According to Statistics Canada's National Economic Accounts, the Agricultural industry accounted for approximately 3.0%[6] of Alberta's Gross Domestic Product in 2011, up from 2.7% in 2001. Its contribution to Alberta's total employment declined from 3.7% in 2001 to 2.5% in 2011.

Employment in 2011 was 10.0% higher than its level in 2010. Over the last ten years, employment has decreased from 60,400 people in 2001 to 51,800 people in 2011, a 14.2% decrease. There were 12,500 employees in the industry in 2011 of whom 80.0% were permanent and 20.0% were temporary. Self-employed people accounted for 75.9% of total employment in the industry in 2011.

The proportion of youth aged 15 to 24 years working in the industry declined from 13.2% in 2001 to 11.2% in 2011 while the proportion of people aged 55 years and over increased from 27.5% in 2001 to 38.2% in 2011.

Characteristic	Alberta	Agriculture
Median Retirement Age (years)	64.7	64.8
Average Number of Hours Worked per Week	37.6	45.5
Multiple Jobholders (% of total employment)	6.0%	9.1%
Average Job Tenure (months)	87.9	249.9
Employees Under Union Coverage (%)	23.2%	N/A
Employees Working Overtime per Week (%)	25.8%	13.4%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Tables 282-0022, 282-0031, 282-0042, 282-0078 and 282-0084, 2012, and custom tabulation (median retirement age)
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size

According to *Alberta Occupational Demand Outlook 2011-2015*, employment growth in the following occupations is expected to be less than 2.7%, the average for all occupations: Agricultural and horticultural workers; and Contractors, operators and supervisors in agriculture, horticulture and aquaculture.

[6] This includes support activities for forestry.

4. Size of Businesses in Alberta and the Industry:

Establishment Size	Businesses in Alberta		Businesses in Agriculture	
	Number of Employees	%	Number of Employees	%
Less than 20 employees	637,400	36.6%	10,100	80.8%
20 to 99 employees	594,400	34.1%	2,000	16.0%
100 to 500 employees	326,300	18.7%	N/A	N/A
Over 500 employees	184,200	10.6%	N/A	N/A

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0076, 2012
Note: N/A denotes data suppressed by Statistics Canada due to insufficient sample size.
Note: Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

Section B: Human Resources Profile

1. Occupational Information:

Some examples of occupations in the Agricultural industry include:

- farm worker;
- dairy producer;
- greenhouse operator;
- animal care attendant; and
- beekeeper.

For a complete listing of all occupations related to this industry as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles[7] website.

2. Demographics: Gender and Age:

According to the Labour Force Survey, the gender breakdown in the Agricultural industry is as follows:

- women employed: 16,200 people, or 31.3%
- men employed: 35,600 people, or 68.7%

In Alberta, women accounted for 44.9% and men made up 55.1% of total employment.

Age Characteristics	Employment in Alberta		Employment in Agriculture	
	Number	%	Number	%
15-24 years	318,900	15.2%	5,800	11.2%
25-54 years	1,423,000	68.0%	26,200	50.6%
55 years and over	352,300	16.8%	19,800	38.2%

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0008, 2012

[7] See http://www.alis.alberta.ca/occinfo

3. Wages:

Data Source: Statistics Canada, Labour Force Survey, CANSIM Table 282-0072, 2012
Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Wage and Salary Information for Selected Occupations

Occupation	Average Hourly Wage			Average Annual Salary
	Starting Average	Overall Average	Top Average	
Agricultural representative, consultant and specialist	$ 33.12	$ 40.66	$ 43.03	$ 77,558
General farm worker	$ 14.13	$ 16.20	$ 18.97	$ 40,041
Farmer and farm manager (dairy producer)	$ 21.75	$ 24.00	$ 27.29	$ 54,528
Farm supervisor and specialized livestock worker (swine technician)	$ 15.74	$ 17.73	$ 18.96	$ 41,024

Data Source: 2011 Alberta Wage and Salary Survey

For more information on the 2011 Alberta Wage and Salary Survey, refer to the WAGEinfo[8] website. For job descriptions, duties, required skills and education requirements for specific occupations in the Agricultural industry, visit the ALIS[9] website.

[8] See http://www.alis.alberta.ca/wageinfo
[9] See http://www.alis.alberta.ca

Section C: Additional Information

Links to Selected Associations in Industry:

- Alberta Agricultural Economics Association (http://aaea.ab.ca)
- Alberta Barley Commission (http://www.albertabarley.com)
- Alberta Chicken Producers (http://www.chicken.ab.ca)
- Alberta Livestock and Meat Agency Ltd. (http://www.almaltd.ca)
- Alberta Milk Producers (http://www.albertamilk.com)
- Agriculture and Food Council (http://www.agfoodcouncil.com)
- Alberta Pork (http://www.albertapork.com)
- Alberta Farm Fresh Producers Association (http://www.albertafarmfresh.com)
- Canadian Wheat Board (http://www.cwb.ca)